

OCIANA™

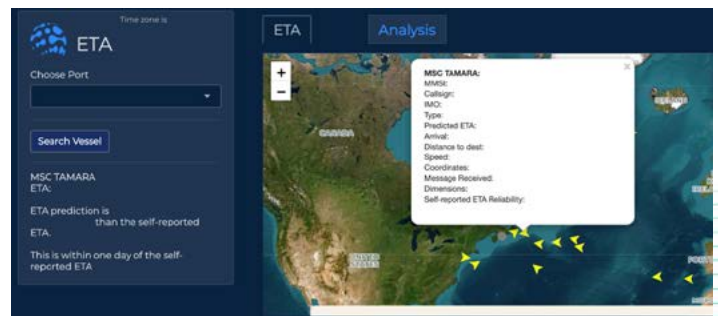
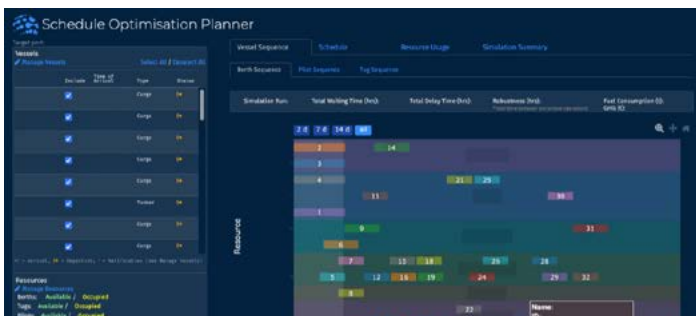
YOUR TERMINAL'S COMPASS TO SUCCESS

Ongoing last mile delivery challenges?

Want to benefit from long horizon ETA predictions?

Optimised resource utilization and plan for unforeseen disruptions?

OCIANA™ Terminal Optimiser is a dynamic, integrated and scalable solution which enhances real-time predictive visibility for inter-modal operations. OCIANA provides simulation-optimisation to minimise turnaround times and maximise resource utilisation. The platform thus enables advanced planning and scheduling as well as uninterrupted last mile delivery and quick recovery from shock events.



OCIANA™ Terminal Optimiser

ETA Prediction

- Provides the most accurate long-horizon, multi-stop ETA predictions for liners and tramp vessels
- Enables user to form independent assessment on vessel reliability towards arrival at port

Ice Jam Prediction

- Prediction of ice jams 7 days prior to facilitate advanced planning and scheduling of alternate berthing windows
- Enables prioritisation of resource deployment and management

Visual Dock Planner

- Enables optimisation of berthing capacity vis-à-vis available resources

Schedule Optimisation Planner (SOP)

- Provides terminal operators with advanced planning and optimal scheduling for vessel berthing
- Facilitates quick recovery from shock events
- Predicts vessel behaviour, arrival time and deviations
- Enables simulation–optimisation for resource usage based on reducing vessel wait times, decreasing emissions and enhancing robustness in berth scheduling

Advanced Chat and Collaboration Tools

- Facilitates single reference for all users of data and real time communication and collaboration

Analytics

- Anchorage: allows users to visualise, manage and report on vessel wait time based on arrival and departure, slow downs, destinations and historic behaviour
- Vessel Berthing Reporting: enables full view of all berths capacity and metrics to determine average berthing times
- Port Profiles: enable current and historic behaviour comparison vis a vis sister and competitor ports

Intelligent Geofencing

- Geofences enhanced with machine learning to deliver a high accuracy timeline and enhanced predictability into a vessel's location and planned passage

Contact GSTS For More Information: sales@gsts.ca

